

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF AN INTERSECTION CONTROL BEACON (ICB) AT THE INTERSECTION OF US 219 AND MOSSER ROAD, IN GARRETT COUNTY, MARYLAND. THIS ICB HAS BEEN DESIGNED TO ALLOW FOR FUTURE UPGRADES TO A FULLY SIGNALIZED INTERSECTION.

INTERSECTION OPERATION

THIS INTERSECTION WILL RUN ON A FLASHING OPERATION. THE US 219 MOVEMENTS WILL BE ASSIGNED A FLASHING YELLOW. THE MOSSER ROAD AND DEEP CREEK DRIVE MOVEMENTS WILL BE ASSIGNED A FLASHING RED.

SPECIAL NOTE

UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL NOTIFY MR. ROBERT SNYDER OF SHA AT 410-787-7635 TO ARRANGE FOR THE PHONE LINE INSTALLATION. THE CONTRACTOR IS TO PROVIDE MR. SNYDER WITH THE NEAREST STREET ADDRESS, ZIP CODE, AND PHONE NUMBER

EQUIPMENT TO BE FURNISHED BY SHA

9081	1	EA	CABINET INTERSECTION MONITOR, SIZE 6
9087	1	EA	CONSTROLLER ASC II W/TELEMETRY
9089	138	SF	FLAT SHEET ALUMINUM SIGN - YELLOW, ORANGE, AND SILVER

EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

1001	1	EA	MAINTENANCE OF TRAFFIC
1004	1	EA	MOBILIZATION FOR ASSIGNMENTS OUTSIDE OF CONTRACT AREA
2001	3	CY	TEST PIT EXCAVATION
5004	70	LF	24 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
5007	70	LF	REMOVE PAVEMENT MARKINGS ANY WIDTH
8001	10	CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
8020	1	EA	INSTALL CONTROLLER AND CABINET
8024	22	LF	FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8026	115	LF	FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8027	200	LF	FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8029	115	LF	FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8030	100	LF	FURNISH AND INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
8032	200	LF	FURNISH AND INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED
8033	4	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8034	4	EA	FURNISH AND INSTALL GROUND ROD -3/4INCH DIAMETER X 10 FOOT LENGTH
8044	100	LF	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8045	850	LF	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
8046	350	LF	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO 12 AWG) TYPE TC
8048	300	LF	FURNISH AND INSTALL NO 6 AWG STRANDED BARE COPPER WIRE
8049	900	LF	FURNISH AND INSTALL ELECTRICAL CABLE - 1 CONDUCTOR NO. 4 AWG - THHN/THWN
8052	72	SF	INSTALL GROUND MOUNTED SIGN
8053	66	SF	INSTALL OVERHEAD SIGN
8055	2	EA	FURNISH AND INSTALL 250 WATT HPS LUMINAIRE WITH PHOTOCELL
8056	2	EA	FURNISH AND INSTALL 15 FOOT LIGHTING BRACKET ARM FOR TRAFFIC SIGNAL STRUCTURE
8060	1	EA	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT
8066	1	EA	FURNISH AND INSTALL CONTROL AND DISTRIBUTION EQUIPMENT (120/240V, 1 PHASE 3 WIRE SYSTEM)
8082	2	EA	FURNISH AND INSTALL MAST ARM POLE AND TWIN (50 FT/ 70 FT) OR (70 FT/ 50 FT) MAST ARM
8084	9	EA	FURNISH AND INSTALL 12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
NEG	1	EA	FURNISH AND INSTALL NEMA DISCONNECT SWITCH - TYPE 4

*ALL EXISTING EQUIPMENT TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR

CONTACT LIST

Mr. Fred Crozier, District Engineer
Phone: (301) 729 - 8486

Mr. Larry Humberston, District Utility Engineer
Phone: (301) 729 - 8439

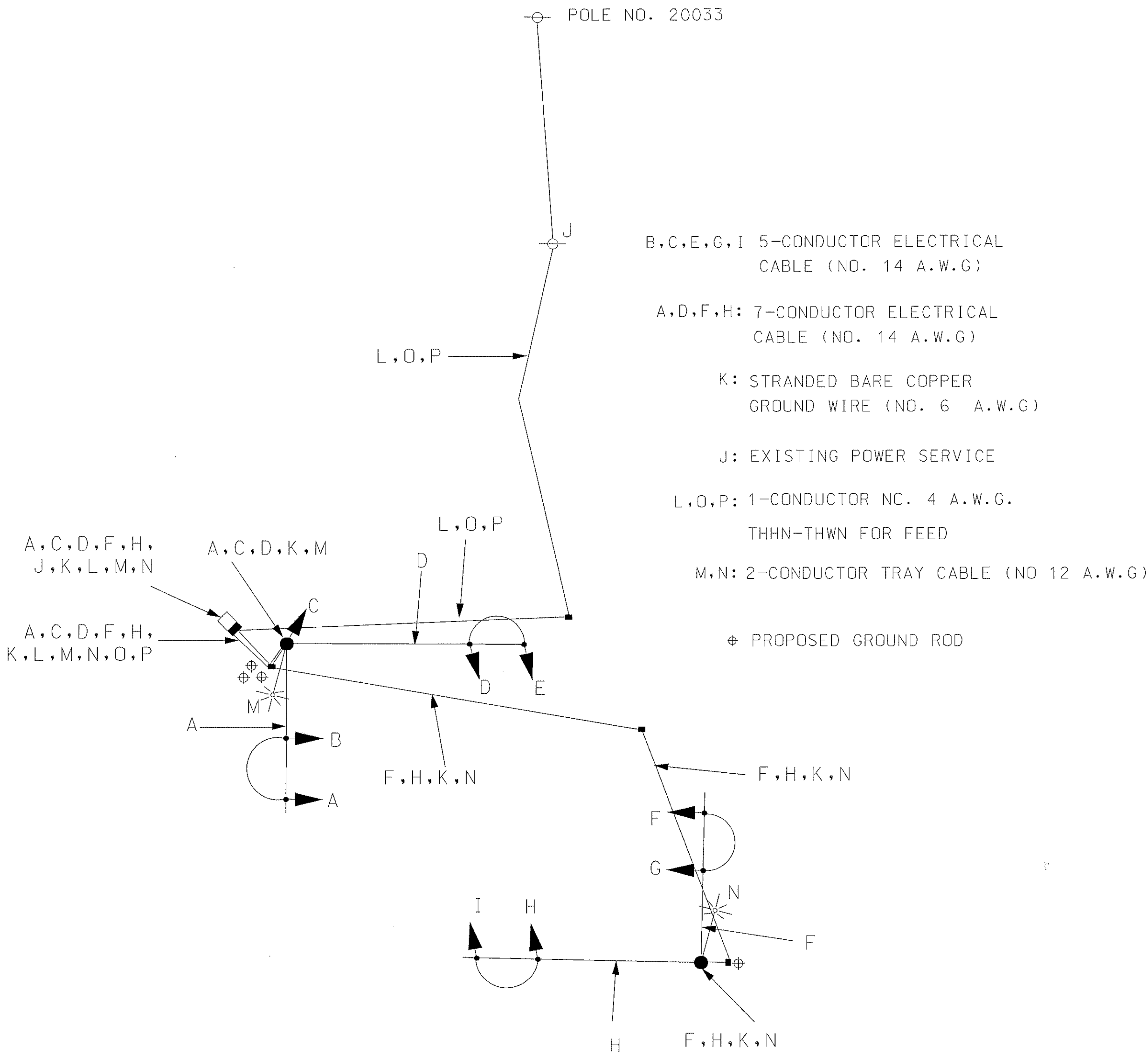
Mr. Edward Rodenhizer, Chief
SHA Traffic Signal Shop
Phone: (410) 787 - 7650

Mr. Richard Daff Sr., Chief
Traffic Operations Division
Phone: (410) 787 - 7630

PHASING CHART

	1	2	3	4	5	6	7	8	9	
	(Y)	(Y)	(Y)	(Y)	(R)	(R)	(R)	(R)	(R)	
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	

WIRING DIAGRAM



REVISIONS	APPROVALS	MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION US 219 AT MOSSER ROAD & DEEP CREEK DRIVE			
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	DRAWN BY: B. KIEDROWSKI	F.A.P. NO. S.H.A. NO. 0-6071A53/853	TS NO. 4095	SHEET NO.
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	CHECKED BY: NONE	COUNTY: GARRETT	T.I.M.S. NO. E405	2 OF 2
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	SCALE: 1/10	LOG MILE: 11021924.34		
	DIRECTOR, TRAFFIC & SAFETY	DATE: 6/1/01			